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# **Hazardous Waste Operations & Emergency Response**

**HAZWOPER**

**Hoechst** ■

# Hoechst Corporation

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- **Global Strategic Holding Company**
  - » \$36 billion sales
  - » 145,000 employees
- **Businesses include:**
  - » commodity chemicals
  - » specialty chemicals
  - » pharmaceuticals/health care
  - » plastics
  - » fibers
  - » animal health/crop protection
- **Decentralized, autonomous businesses**

Hoechst ■

# What is HAZWOPER? ---

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29 CFR 1910.120

**OSHA standard designed to protect employees from harm when working around hazardous waste.**

# **What Does HAZWOPER Apply to? ---**

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- **Operations at Treatment, Storage and Disposal Facilities (TSD)**
- **Clean-up at uncontrolled hazardous waste sites (including RCRA sites)**
- **Industrial spills of hazardous chemicals**

# Related Regulations ---

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- **Hazard Communication (HAZCOM)**
  - » HAZWOPER exception for spill response.
- **Superfund Amendments & Reauthorization Act (SARA)**
  - » MSDSs are to be provided to outside emergency agencies.
- **EPA's Risk Management Plan (RMP)**
  - » emergency response plan requirements.

# Key Paragraphs ---

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- **Paragraph (l)**
  - » **employee response to emergencies at uncontrolled waste sites**
    - **emergency response plan**
- **Paragraph (p)(8)**
  - » **emergency response at TSD facilities**



# Key Paragraphs ---

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- **Paragraph (q)**
  - » **off-site responders (fire, police)**
  - » **employee response to spills**
    - **emergency response plan**
      - **contain**
      - **control**
      - **cleanup**

# Requirements of a Safety & Health Program ---

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- » organizational workplan
- » site evaluation & control
- » site-specific program
- » training
- » personal protective equipment
- » exposure monitoring
- » medical surveillance
- » decontamination
- » emergency response



# Comparison of Requirements ---

Safety & Health Program	Emergency Response Plan	Emergency Action Plan	Emergency Response Program
OSHA	OSHA	OSHA	EPA
Overall document required under HAZWOPER for waste sites.	Program required under HAZWOPER and is part of the Safety & Health Program	1910.38(a) Can be used if the response to a spill is evacuation only. Part of the Emergency Response Plan	Program required under RMP and can be satisfied by the HAZWOPER Emergency Response Plan

# Spill Response Options ---

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- **Minor spill**

- » HAZCOM-trained employees

- **Significant spill**

- » HAZMAT Team/fire brigade

- » Evacuate/outside contractors

